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FACSIMILE TRANSMISSION COVER SHEET

DATE: July 15, 2008

TO: Mail Stop Amendment
U.S. Patent and Trademark Office
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

EXAMINER: Shubo ZHOU, Group Art Unit 1631

RE: U.S. Patent Application No. 10/672,937
For: MITOCHONDRIAL DNA AUTOSCORING SYSTEM
Our Ref.: 5010-350

FROM: Leonard D. Bowersox

FAC. NO.: (571) 273-8300

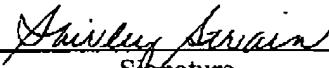
NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 12

Papers Filed Herewith: Transmittal Form (1 Page)
Amendment (10 Pages)

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Shirley Strain

Printed Name:



Signature

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PTO/SB/21 (08-00)

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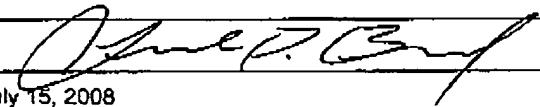
| | | | |
|--|----|------------------------|-----------------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | | Application Number | 10/672,937 |
| | | Filing Date | September 26, 2003 |
| | | First Named Inventor | Timothy B. STOCKWELL |
| | | Group Art Unit | 1631 |
| | | Examiner Name | Shubo ZHOU |
| Total Number of Pages in This Submission | 11 | Attorney Docket Number | ABIOS.042A (5010-350) |

ENCLOSURES (check all that apply)

| | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Amended Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input checked="" type="checkbox"/> Amendment / Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Request for Status |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Acknowledgement Postcard |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> Other Enclosure(s) (please identify below): |
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| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> After Allowance Communication to Group | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

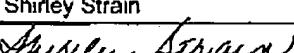
Customer No. 35411

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|-------------------------|--|--|--|
| Firm or Individual name | Leonard D. Bowersox, Esq. | | |
| Signature |  | | |
| Date | July 15, 2008 | | |

CERTIFICATE OF MAILING

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| Signature |  | Date | July 15, 2008 |

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Shirley Strain
Name (Print)
Signature**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

| | | | |
|---------------------|---|--------------------------------|------------------------|
| Application No. | : | 10/672,937 | Confirmation No.: 9457 |
| Applicants | : | Timothy B. STOCKWELL et al. | |
| Filed | : | September 26, 2003 | |
| TC/A.U. | : | 1631 | |
| Examiner | : | Shubo ZHOU | |
| Attorney Docket No. | : | 5010-350 (formerly ABIOS.042A) | |
| Customer No.: | | 35411 | |

AMENDMENT AND REPLY

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Amendment and Reply is in response to the Office Action mailed April 15, 2008, for which the Examiner has set a three-month period for response, thus making a response due on or before July 15, 2008.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.